

3/66 - (C) FILE CROPU

STN GEN Caesar accession number : 1211

AN - 2001-86372 CROPU P G

TI - Use of sildenafil citrate as a plant growth regulator.

IN - Yokoyama T; Handa K

LO - Jap.

PI - JP 2001058910 A 20010306

AI - JP 1999-272904 19990820

DT - Patent

LA - Japanese

OS - WPI: 2001-338047

FA - AB; LA; CT

AB - The use of sildenafil citrate as a plant growth regulator is described, with a manufacturing method for this growth regulator. Sildenafil
---citrate--- effectively accelerates and ---enhance---
---plant--- growth and hypertrophy, accelerating growth by over 20%.
Preparation of a growth regulator by mixing 10% w/w sildenafil citrate
with 90% w/w of a mixture containing solvent and surfactant is

described.

The sildenafil citrate preparation can be used at 5000-10000 dilutions.
(2 pp.) (No EX).

XP002228202